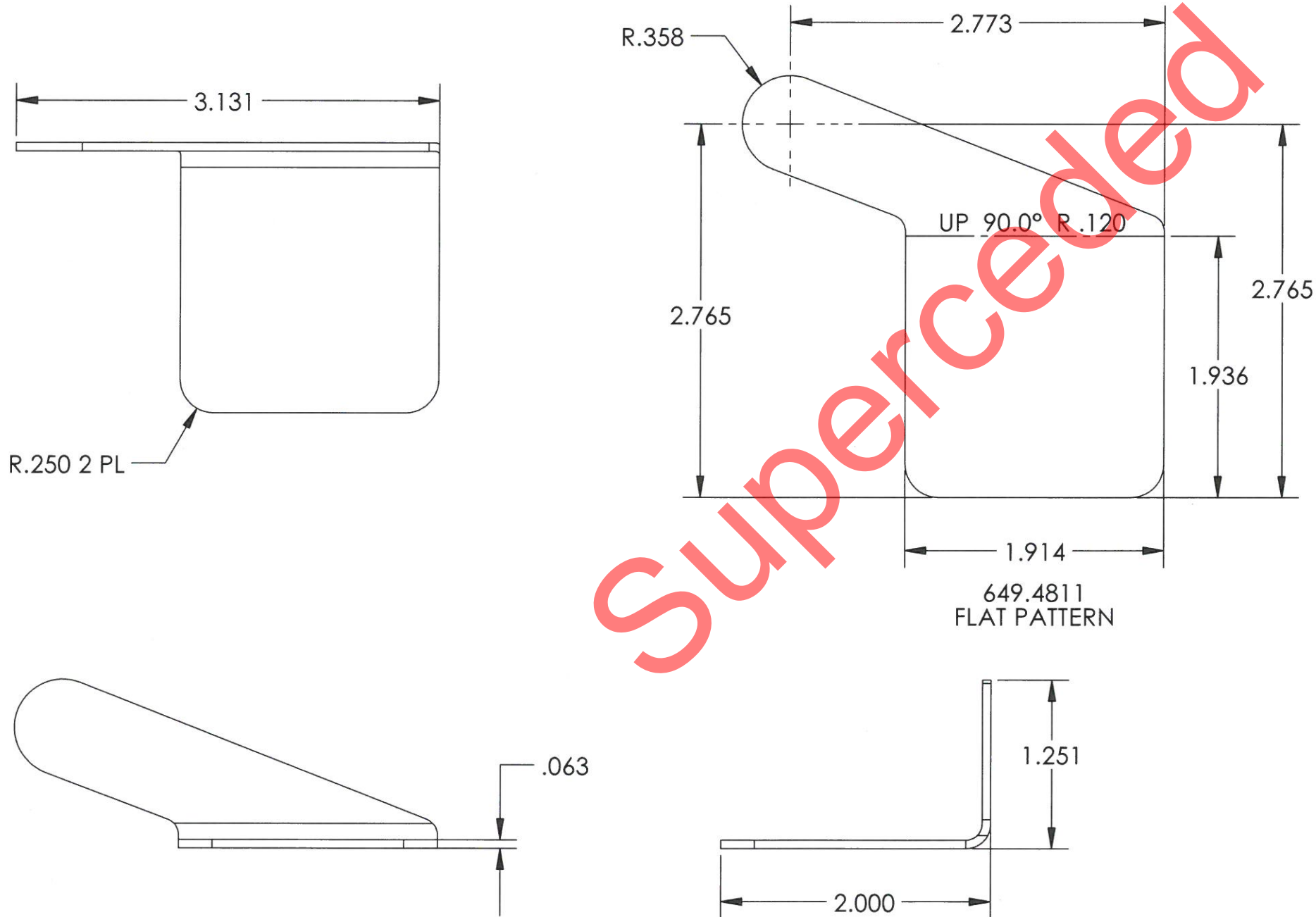
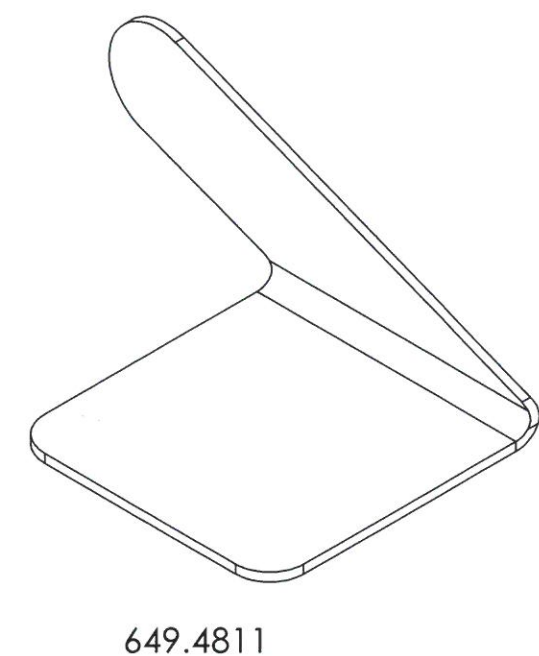


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NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION 12PT. CENTURY GOTHIC.
- 5 PART DIMENSIONS CONTROLLED BY CAD MODEL; FILE NAME: 649.4816 DOUBLER.SLDPRT
6. INSPECTION DIMENSIONS SHOWN WITH FINISH APPROX. 3-5 MIL MAX PER FACE.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		
N/C	INITIAL RELEASE	11-02-11	P. BRAVO
A	INCORPORATED ECN 03475	04-11-12	P. BRAVO
B	INCORPORATED ECN 05502	07-28-16	P. BRAVO



	8	649.4817	SHIM	1	2
	7	649.4816	DOUBLER	1	2 5
	6	649.4815	SHIM	1	2
	5	649.4814	DOUBLER	1	2
	4	649.4813	SHIM	1	2
	3	649.4812	SHIM	1	2
	2	649.4811	CLIP	1	2
	1		DELETED		
	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY	PARTS LIST				
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR) 11-02-11				
649.4700	DRAWN BY A. QUAN CHECKER P. BRAVO				
	DRAWING APPROVAL P. BRAVO 11-02-11				
	CONTRACT No.				
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°				
	SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4800	REV. B	
	SCALE NONE		SHEET 1 OF 6		

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A

B

C

D

14.000

4.000

.047

648.4812

ORIGINAL DATE  
11-02-11  
DRAWN BY  
A. QUAN  
CHECKER  
P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
11-02-11  
CONTRACT No.  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .03$   
3 PLACE DECIMALS  $\pm .010$   
ANGLES  $\pm .5^\circ$

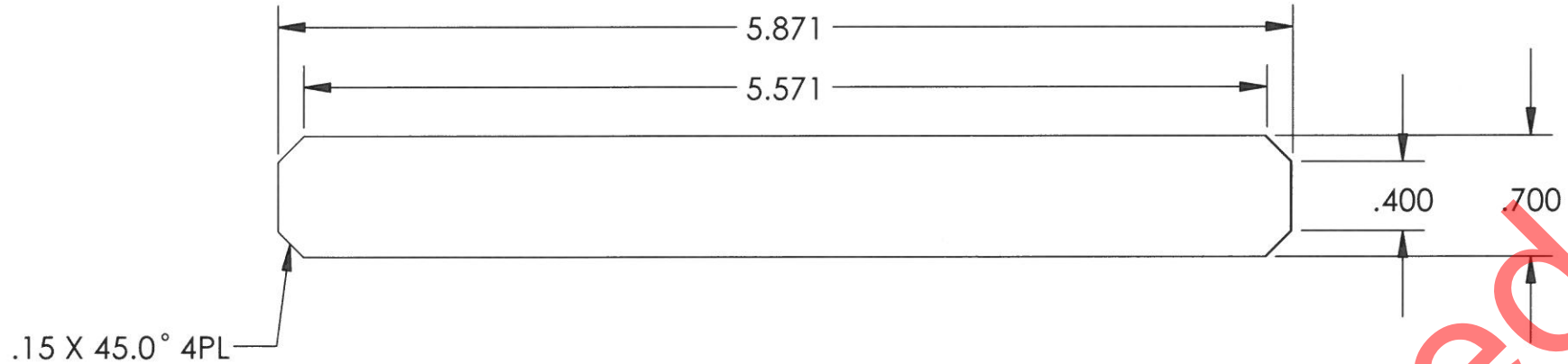
**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

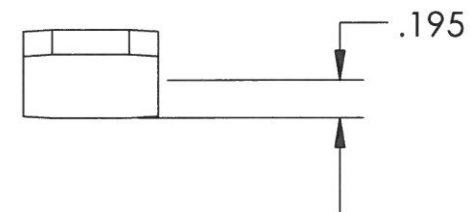
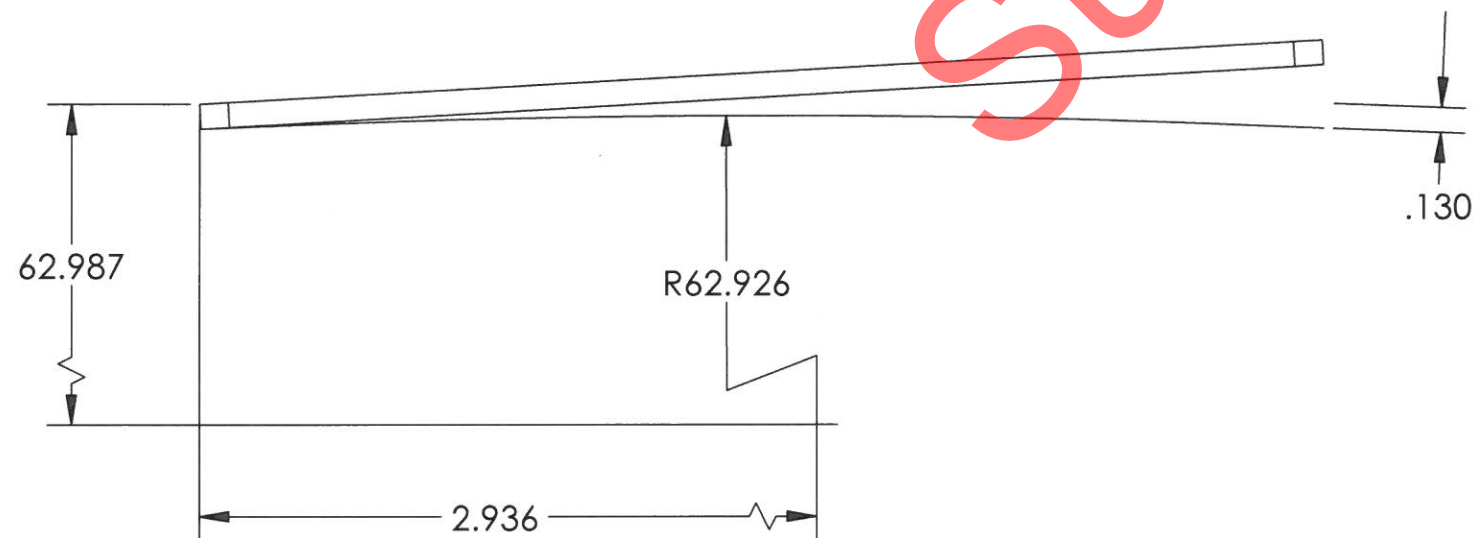
**SHEETMETAL**

SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4800	REV. B
SCALE NONE			SHEET 2 OF 6

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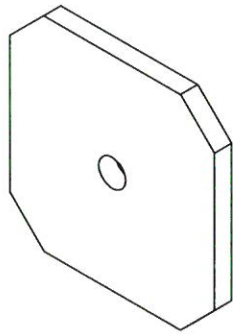


649.4813

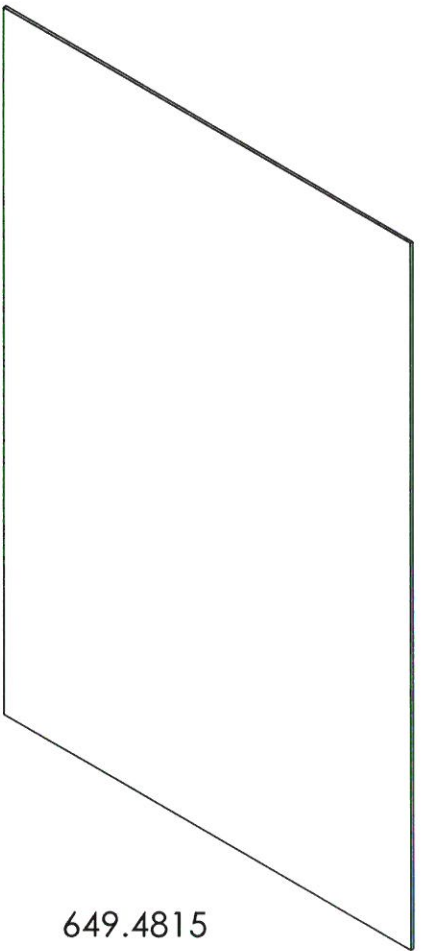
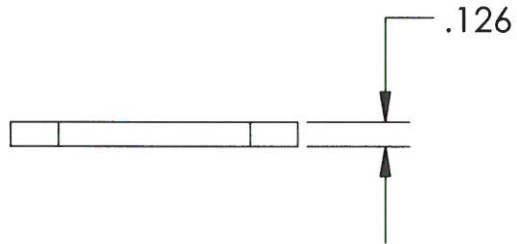


ORIGINAL DATE (MO-DA-YR) 11-02-11		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11-02-11		<b>SHEETMETAL</b>			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.4800	B
		SCALE NONE			SHEET

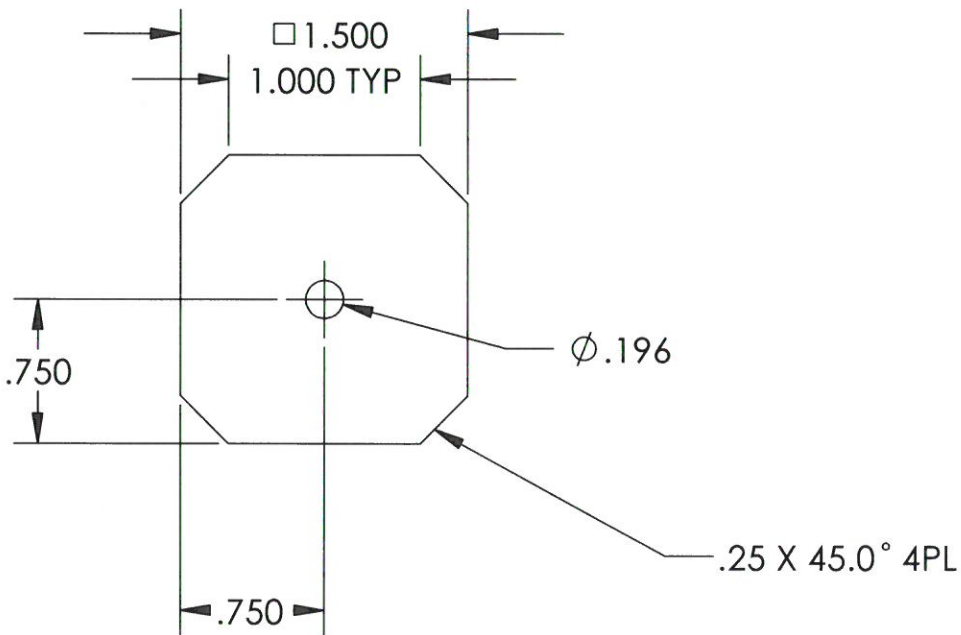
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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



649.4814



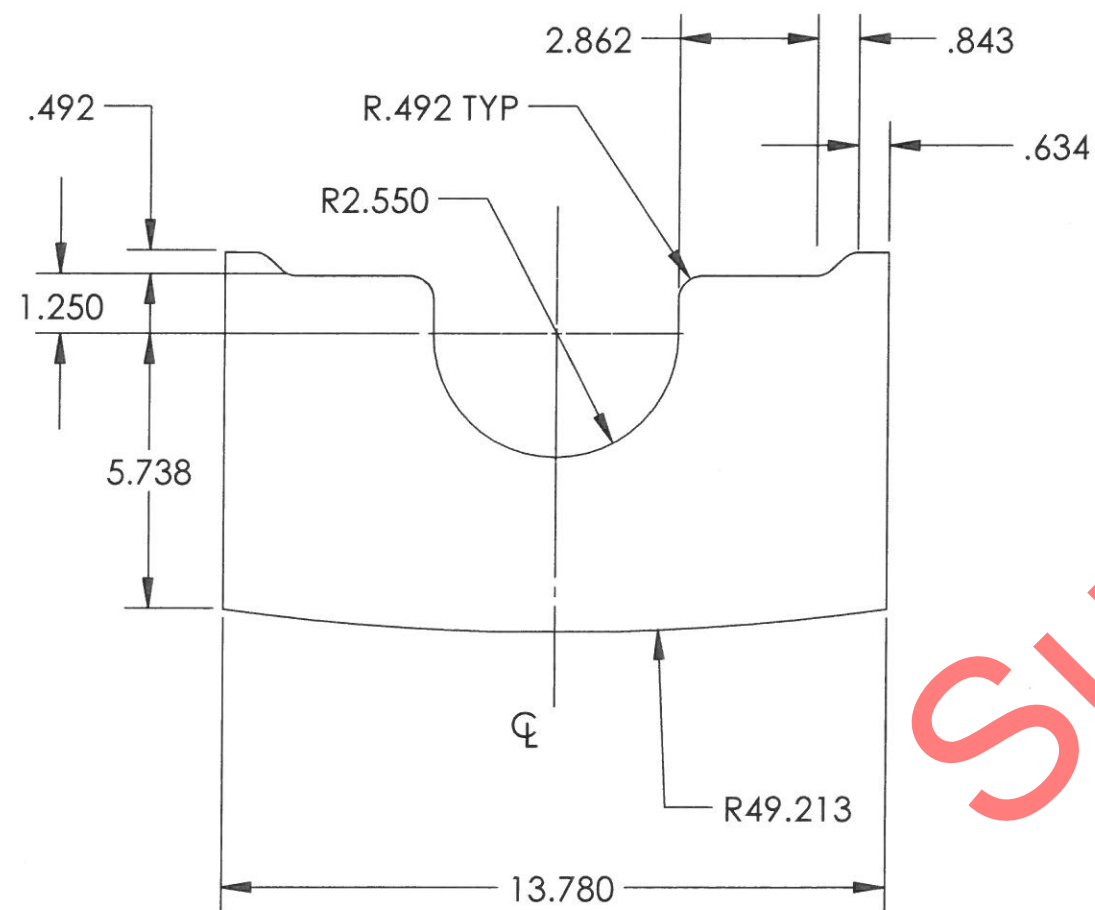
649.4815




ORIGINAL DATE (MO-DA-YR) 11-02-11		 AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11-02-11		SHEETMETAL			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.4800	B
		SCALE NONE			SHEET 4 OF 6

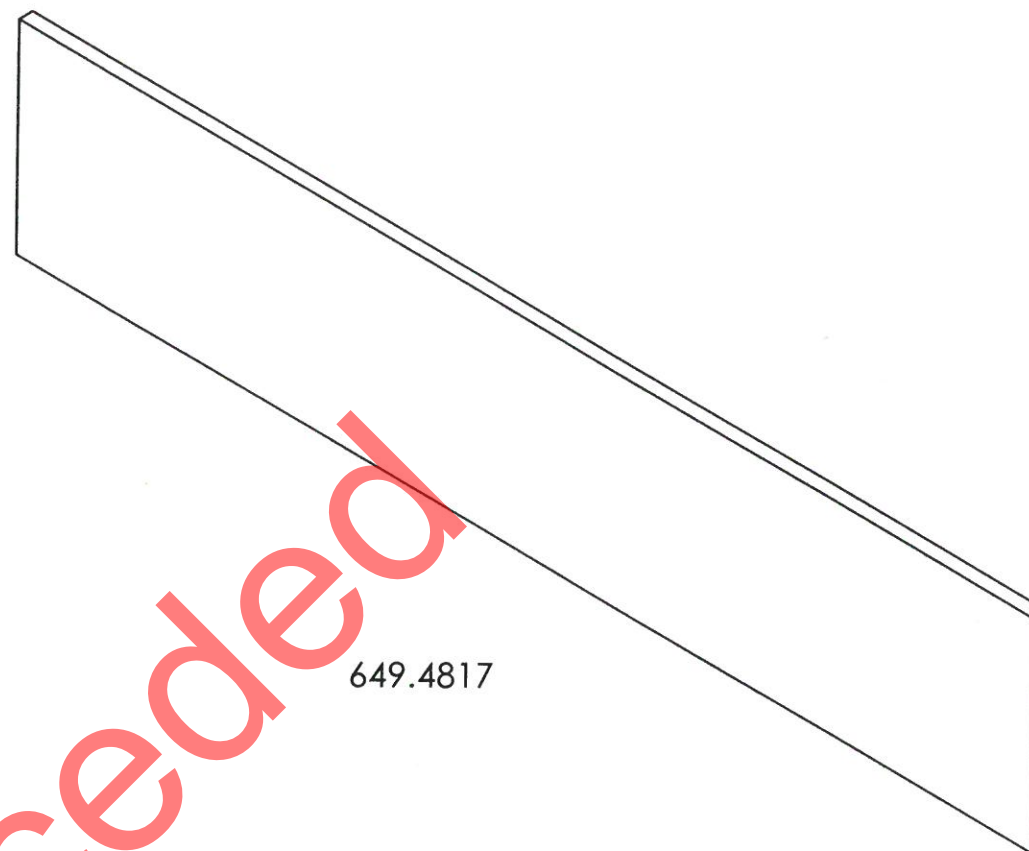


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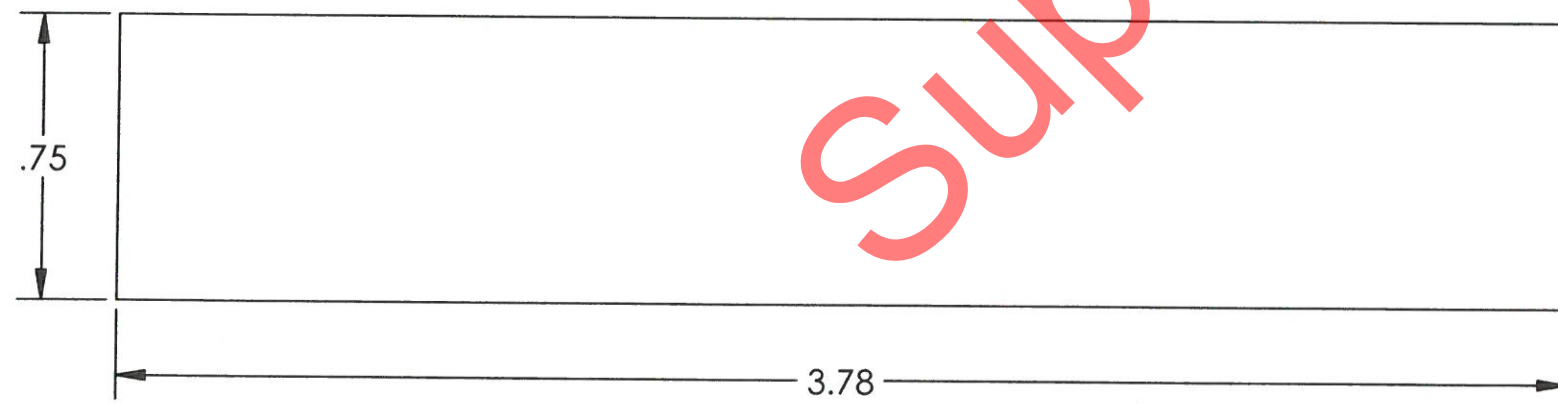


ORIGINAL DATE (MO-DA-YR) 11-02-11		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11-02-11		SHEETMETAL			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.4800	B
		SCALE NONE		SHEET 5 OF 6	

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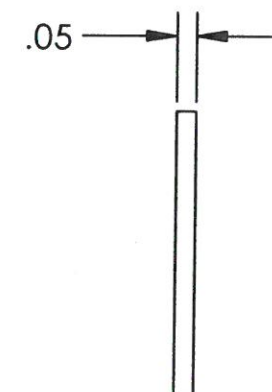


649.4817



.75

3.78



.05

ORIGINAL DATE (MO-DA-YR) 11-02-11		<b>DART</b> AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN		CHECKER P. BRAVO		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 11-02-11		SHEETMETAL			
CONTRACT No.					
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SCALE NONE				SHEET 6 OF 6	